

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

LI, *et al.*

Serial No.: 10/560,296

Filed: 12 December 2005

For: LOW MOLECULAR WEIGHT CHITOSAN  
OLIGOSACCHARIDES AND ITS PREPARATION  
METHOD

Art Unit: 1645

Examiner: TBA

Atty. Dckt: 034176R004

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This Supplemental Information Disclosure Statement supplements the one filed on 17 February 2006. Specifically, Applicants provide the following explanations regarding the non-English language documents submitted on 17 February 2006:

CN1210867A entitled "New method of chitin deacetyl" discloses that chitosan was prepared by subjecting chitin to microwave irradiation.

CN1329095A entitled "Synthesis method of carboxymethyl chitosan under microwave irradiation" and CN1363612A entitled "Preparation of carboxymethyl chitosan by microwave method" disclose preparing carboxymethyl chitosan using microwave irradiation.

JP9031105A entitled "Production of low-molecular chitosan and chitooligosaccharide" discloses preparing low-molecular chitosan and chitooligosaccharide under ultrasonic irradiation.

Ding et al. (2002) entitled "The Rapid Preparation of Water-Soluble Chitosan Under Microwave Radiation" discloses preparing water soluble chitosan by H<sub>2</sub>O<sub>2</sub> under microwave radiation.

Liang et al. (1999) entitled "Study on the Preparation of Chitosan with Microwave New Technology" discloses preparing chitosan by chitin deacetylation in about 50% sodium hydroxide solution under microwave radiation.

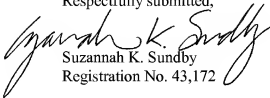
Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that an exhaustive search has been made, or that there does not exist information more material to the examination of the present patent application. The Examiner is specifically requested not to rely solely on the material submitted herewith. It is further understood that the Examiner will review art of record in all 35 U.S.C. § 120 priority documents.

As the PTO-1449 filed on 17 February 2006, does not provide the title of Liang et al. a new PTO-1449 is submitted herewith. It is respectfully requested that the Examiner initial and return a copy of this new PTO-1449 and to indicate in the official file wrapper of this patent application that the documents have been considered.

The Commissioner is hereby authorized to charge any fee deficiency, or credit any overpayment, to our **02-4300**, Attorney Docket No. **034176R004**.

Respectfully submitted,



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Date: 13 July 2007  
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